

What is claimed is:

- 1        1. A shark repellent apparatus comprising:
  - 2            a) a rescue flotation buoy;
  - 3            b) a pressurized repellent material containment and dispensing device having a proximal end and a distal end, said containment and dispensing device being detachably integrated with said rescue flotation buoy; and
  - 7            c) dispensing means for serially dispensing multiple applications of repellent material, disposed at said proximal end of said containment and dispensing device.
- 1        2. The shark repellent apparatus as set forth in claim 1, further comprising a shark repellent material disposed in said containment and dispensing device.
- 1        3. The shark repellent apparatus as set forth in claim 2, wherein said shark repellent material comprises sodium lauryl sulfate.
- 1        4. The shark repellent apparatus as set forth in claim 3, wherein said flotation buoy comprises an environmentally rugged rigid foamed plastic material.

1           5. The shark repellent apparatus as set forth in claim  
2        3, wherein said flotation buoy comprises a low cost foamed  
3        plastic.

1           6. The shark repellent apparatus as set forth in claim  
2        5, wherein said low cost foamed plastic is selected from the  
3        group: foamed polystyrene, foamed polyurethane, and foamed  
4        polyvinylchloride.

1           7. A shark repellent apparatus comprising:  
2              a) an auto/self-inflating flexible flotation vest;  
3              b) a pressurized repellent material containment and  
4        dispensing device having a proximal end and a distal end,  
5        said containment and dispensing device being detachably  
6        connected to said flotation vest;  
7              c) dispensing means for serially dispensing multiple  
8        applications of repellent material; and  
9              d) a shark repellent material disposed in said  
10      containment and dispensing device.

1           8. The shark repellent apparatus as set forth in claim  
2, further comprising:

3           e) a flexible tube with a proximal end connected to  
4         said distal end of said containment and dispensing  
5         device; and

6           f) a nozzle connected to the distal end of said  
7         flexible tube, to be aimed at a shark.

1           9. The shark repellent apparatus described in claim 7,  
2         wherein said shark repellent material comprises sodium lauryl  
3         sulfate.

1           10. The shark repellent apparatus described in claim 7,  
2         wherein said dispensing means comprises:

3           g) spring loaded squeeze grip means; and

4           h) dispensing valve means mechanically connected to  
5         said squeeze grip means for opening said dispensing valve  
6         means when said squeeze grip is actuated and for closing  
7         said dispensing valve means when said squeeze grip means  
8         is released, returning to a home position of said squeeze  
9         grip means.

1           11. A shark repellent apparatus comprising:

2           a) a pressurized repellent material containment and  
3           dispensing device having a proximal end and a distal end;  
4           and

5           b) dispensing means for serially dispensing multiple  
6           applications of repellent material, disposed at said  
7           proximal end of said containment and dispensing device.

1           12. The shark repellent apparatus as set forth in claim  
2           11, further comprising a shark repellent material disposed in  
3           said containment and dispensing device.

1           13. The shark repellent apparatus as set forth in claim  
2           12, wherein said shark repellent material comprises sodium  
3           lauryl sulfate.